

# TECHNOLOGY

## OVERSIZE: POWER AND CONTROL

Making high performance skis accessible to all! a new concept for carving skis.

OVERSIZE



Overize is a new generation of specially shaped skis brimful of state of the art technologies to go to the limits in turns with a maximum of facility, comfort and control. With Overize, high performance becomes accessible.

### THE OVERSIZE CONCEPT: POWER AND CONTROL

#### XXL SIDECUT

- Overize sidecut:
- Maximum stability
- Extra comfort
- Extra confidence

#### EXTENDED GRIP

- Optimisation of the skier's running surface by moving the widest point of the sidecut 3.5 mm towards the tip
- Faster turn initiation
- Extra carving thrills
- "Power steering" effect.

#### PULSION SYSTEM: THE DRIVING FORCE BEHIND THE OVERSIZE CONCEPT

What makes short skis short. Two types of composite interfaces built into the structure of the ski lengthen the running surface. This makes skis more powerful and more stable at high speeds.



- Two-piece composite interfaces.
- Independent Pressing System: independence of the compressive forces on the edges
- Optimised ski / snow contact
- Super-powerful grip
- Extra stability
- Resists the ski's natural flex

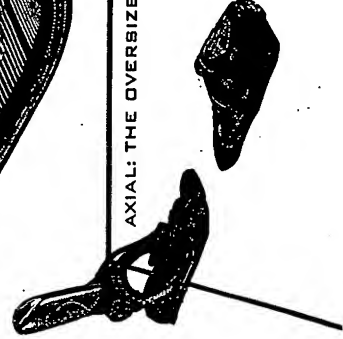


- For Slalom skis
- Composite interface
- Powerful grip
- High-speed edge changing
- Filters and damps vibrations (Index 100)
- Respects the ski's natural flex

#### AXIAL: THE OVERSIZE CONCEPT BINDINGS

The Axial technology developed by Rossignol optimises the synergies in the ski + binding + boot system for a level of performance never reached before. Seven contact points between the binding and the boot

- Exceptional strength for a shorter radius turn
- Powerful grip
- Radical edging
- Extreme carving thrills
- More precise control
- Compact mounting area which respects ski flex
- Optimised ski / snow contact
- Greater in-run stability



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# TECHNOLOGY

RACE # PISTE # X-ROAD

## DUALTEC 2

Bi-material sidewalls positioned differently according to ski type.

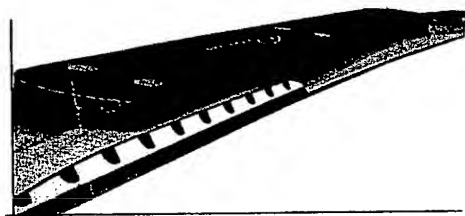
**SLALOM: THE SKIER IS BALANCED TOWARDS THE TAILS OF THE SKIS.**

Stiff, powerful sidewalls at the tails:

- Grip
- Precision
- Energy

Progressive, comfortable sidewalls towards the tips:

- Total control in carved turns
- Better ski / snow contact.



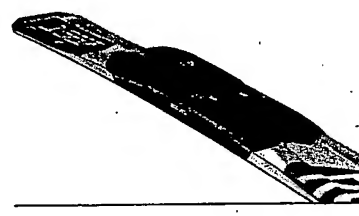
**GIANT SLALOM: THE SKIER IS BALANCED IN THE MIDDLE OF THE SKI**

Stiff, powerful sidewalls in the waist:

- Grip
- Stability

Comfortable, progressive sidewalls at the ends:

- Full-flow
- Control
- Better ski / snow contact



## INTEGRAL DUALTEC

This structure ensures the integral transmission of skier instructions to the snow, for expert skiing:

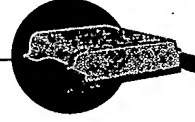
- Precise turn control.



## CENTRAL DUALTEC

The sidewall and cap combination are adapted to the different turn phases:

- Powerful grip under the feet
- Cap at the ends for easier skiing and comfort.

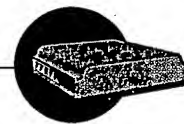
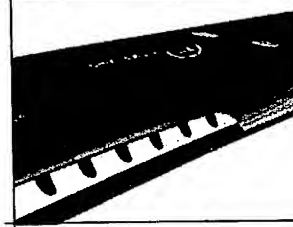


## ACTIVATOR: THE SLALOM SKI BALANCING SYSTEM

This visco-elastic area behind the PowerPulsion adds to the effect of the Dualtec 2 by acting on the skier's forward / backward balance.

In the last phase of a turn, the Activator is compressed like a spring. At the exit from one turn it releases this pent-up energy and propels the skier into the right position to attack the next.

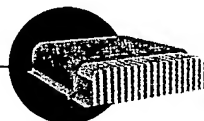
- Energy
- Rebound
- Balance.



## ACTIVE CORE

Structure with "Duramen" plywood core

- Responsiveness
- Better ski / snow contact
- Long life.



## TORSION BOX

Core wrapped in glass fibre

- Better transmission to the edges.



## DUAL VAS

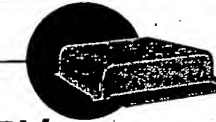
Built into the ski right under binding, it damps vibrations directly at their source:

- More precise control
- Better stability in the turns
- More comfortable ski / snow contact



## TRANSVERSAL VAS

Built into the ski control area.



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